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(FILE 'HOME' ENTERED AT 19:04:30 ON 03 DEC 2007)

FILE 'REGISTRY' ENTERED AT 19:04:44 ON 03 DEC 2007

L1 STRUCTURE UPLOADED  
D  
L2 50 SEA SSS SAM L1  
L3 43161 SEA SSS FUL L1  
L4 42541 SEA ABB=ON PLU=ON L3 AND SQL=>4  
L5 620 SEA ABB=ON PLU=ON L3 NOT L4  
L6 ANALYZE PLU=ON L5 1- LC : 17 TERMS  
D

FILE 'ZCPLUS' ENTERED AT 19:07:41 ON 03 DEC 2007

L7 464 SEA ABB=ON PLU=ON L5  
L8 406 SEA ABB=ON PLU=ON L7 AND PD<20031009  
L9 395 SEA ABB=ON PLU=ON L7 AND PD<20021009  
L10 295 SEA ABB=ON PLU=ON L9 AND ENGLISH/LA  
L11 61 SEA ABB=ON PLU=ON L10 AND PATENT/DT  
D L11 1-3 IBIB HITSTR  
L12 58 SEA ABB=ON PLU=ON L11 AND PD<20011009  
D L12 1-3 IBIB HITSTR

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 DEC 2007 HIGHEST RN 956461-32-8  
DICTIONARY FILE UPDATES: 2 DEC 2007 HIGHEST RN 956461-32-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE ZCPLUS

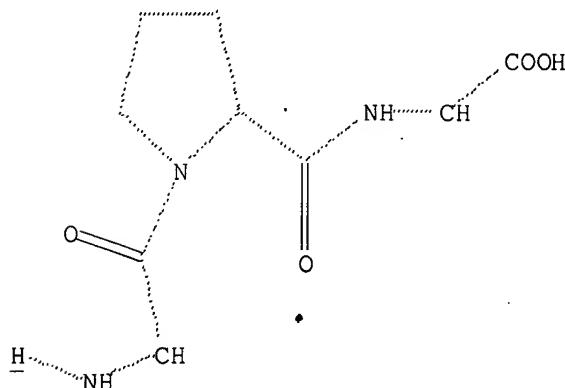
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FILE COVERS 1907 - 3 Dec 2007 VOL 147 ISS 24  
FILE LAST UPDATED: 2 Dec 2007 (20071202/ED)

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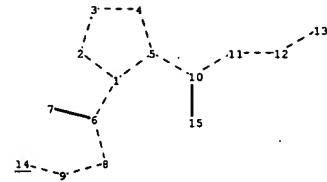
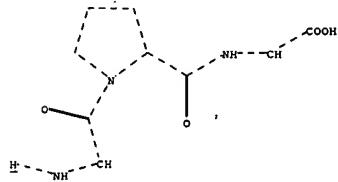
This file contains CAS Registry Numbers for easy and accurate substance identification.

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L1 STR



Structure attributes must be viewed using STN Express query preparation.

L3 43161 SEA FILE=REGISTRY SSS FUL L1  
L4 42541 SEA FILE=REGISTRY ABB=ON PLU=ON L3 AND SQL=>4  
L5 620 SEA FILE=REGISTRY ABB=ON PLU=ON L3 NOT L4  
L7 464 SEA FILE=ZCPLUS ABB=ON PLU=ON L5  
L9 395 SEA FILE=ZCPLUS ABB=ON PLU=ON L7 AND PD<20021009  
L10 295 SEA FILE=ZCPLUS ABB=ON PLU=ON L9 AND ENGLISH/LA  
L11 61 SEA FILE=ZCPLUS ABB=ON PLU=ON L10 AND PATENT/DT  
L12 58 SEA FILE=ZCPLUS ABB=ON PLU=ON L11 AND PD<20011009



chain nodes :  
6 7 8 9 10 11 12 13 14 15

ring nodes :  
1 2 3 4 5

chain bonds :  
1-6 5-10 6-7 6-8 8-9 9-14 10-11 10-15 11-12 12-13

ring bonds :  
1-2 1-5 2-3 3-4 4-5

exact/norm bonds :  
1-2 1-5 1-6 2-3 3-4 4-5 5-10 6-7 6-8 8-9 9-14 10-11 10-15  
11-12 12-13

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS  
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS